

Water Quality Characteristics by Water Quality Zone

March 2003

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
Hardness ppm	1	129	129	52.8	64	193	4	41%
	2	134	136	10.3	109	145	9	8%
	3	139	134	38.4	98	206	11	28%
	4	103	90	40.0	69	182	7	39%
	5	96	97	12.5	77	123	13	13%
	6	105	106	11.2	80	122	10	11%
	7	109	110	8.5	90	122	10	8%
	8	195	206	40.5	140	269	9	21%
	9	133	126	42.4	77	206	8	32%
	10	82	78	8.5	76	94	4	10%
	System Wide	124	110	40.8	64	269	85	33%
TDS ppm	1	366	335	103.4	185	536	10	28%
	2	302	305	14.0	274	323	27	5%
	3	328	351	83.0	182	453	34	25%
	4	231	200	58.8	180	378	25	25%
	5	231	232	34.1	173	333	36	15%
	6	242	242	23.6	204	290	28	10%
	7	220	220	24.6	173	267	29	11%
	8	353	364	49.3	267	440	21	14%
	9	288	291	59.2	205	406	22	21%
	10	219	218	17.6	199	245	13	8%
	System Wide	273	252	70.7	173	536	245	26%
Sodium ppm	1	51	48	17.8	33	75	4	35%
	2	44	44	2.1	40	46	9	5%
	3	47	52	10.7	31	60	11	22%
	4	36	32	10.0	27	50	7	28%
	5	34	34	4.3	27	44	13	13%
	6	37	40	6.7	23	44	10	18%
	7	30	28	5.2	25	42	10	18%
	8	41	41	3.4	36	46	9	8%
	9	46	46	5.5	36	53	8	12%
	10	39	38	3.6	36	44	4	9%
	System Wide	40	39	9.2	23	75	85	23%

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pH units	1	7.7	7.6	0.25	7.3	8.2	10	3%
	2	8.0	8.0	0.11	7.8	8.2	27	1%
	3	7.7	7.8	0.18	7.4	8.2	34	2%
	4	7.8	7.8	0.18	7.5	8.2	25	2%
	5	7.8	7.8	0.20	7.3	8.1	36	3%
	6	7.9	8.0	0.23	7.3	8.2	28	3%
	7	7.8	7.8	0.16	7.4	8.0	29	2%
	8	7.6	7.6	0.25	7.1	8.2	21	3%
	9	7.6	7.7	0.29	7.2	8.2	22	4%
	10	7.9	7.9	0.25	7.3	8.1	13	3%
	System Wide	7.8	7.8	0.23	7.1	8.2	245	3%
Chlorine ppm	1	0.7	0.8	0.28	0.2	1.1	10	40%
	2	0.9	0.9	0.08	0.7	1.0	27	10%
	3	0.8	0.8	0.17	0.5	1.4	34	22%
	4	0.8	0.8	0.11	0.5	1.0	25	13%
	5	0.8	0.9	0.14	0.2	1.0	36	17%
	6	0.8	0.8	0.16	0.3	1.0	28	20%
	7	0.8	0.8	0.09	0.6	1.0	29	11%
	8	0.9	0.8	0.24	0.4	1.6	21	27%
	9	0.8	0.8	0.18	0.4	1.1	22	24%
	10	0.8	0.7	0.17	0.5	1.1	13	22%
	System Wide	0.8	0.8	0.16	0.2	1.6	245	20%
Temperature deg C	1	22.9	22.6	1.89	20.3	25.6	10	8%
	2	22.2	22.2	1.60	18.5	25.0	27	7%
	3	21.7	21.6	1.81	18.5	25.1	34	8%
	4	24.7	24.5	2.00	20.7	28.4	25	8%
	5	23.3	23.1	2.39	18.6	27.2	36	10%
	6	22.7	22.6	1.70	19.7	25.7	28	7%
	7	22.1	21.8	1.87	17.8	25.4	29	8%
	8	23.3	23.4	1.95	19.7	26.2	21	8%
	9	24.8	24.6	1.72	21.7	28.1	22	7%
	10	22.9	22.3	3.02	18.3	29.7	13	13%
	System Wide	23.0	22.9	2.20	17.8	29.7	245	10%